ABSTRACT

A metal complex compound having a special structure containing metals such as iridium. An organic electroluminescence device which comprises at least one organic thin film layer sandwiched between a pair of electrode consisting of an anode and a cathode, wherein the organic thin film layer comprises the above metal complex compound, which emits light by applying an electric voltage between the pair of electrode. An organic EL device employing the novel metal complex compound emits various phosphorous lights including blue light having an enhanced current efficiency and prolonged lifetime.